

Wisconsin/DOD Pollution Prevention Alliance

Meeting Minutes

Wisconsin Department of Natural Resources

December 10, 2003

1. PLACE: The meeting was called to order at 1000 hours at Lussier Family Heritage Center, 3101 Lake Farms Road, Madison, WI. Al Balliett chaired the meeting and Jerry Rodenberg served as Recorder.
2. INTRODUCTIONS: The attendees introduced themselves for the benefit of the new coordinators and our 3 guests from the metal scrap processing industry. These are:
 - James R. Hartman, Chief, Northern Regional Environmental Office is the DOD Region 5 Environmental Coordinator.
 - Tony Nesky, Army Region 5 Environmental Coordinator
 - Joeseeph Kovacich, Vice President, Miller Compressing Company
 - David J. Borsuk, Manager-Ind. Marketing and Quality Control, Sadoff Iron & Metal Company
 - Gary Bachus, Samuels Recycling Company
3. AGENDA: See Attachment 1.
4. ATTENDEES: See Attachment 2.
5. REVIEW OF MINUTES: The minutes from the August 27, 2003 meeting at Volk Field were approved as written.

6. PRESENTATION: Munitions Waste

Al Balliett began the discussion about munitions waste and other scrap metals by explaining the situation at Fort McCoy. Routine munitions waste is small caliber brass shell casings, lead bullets, artillery shell casings, aluminum tubes from flares, smoke pods, and vehicles used as targets. Periodically there is a range cleanup of the 8000-acre impact area. Maintenance activities generate ferrous and nonferrous scrap from vehicle parts, building demolition and lead acid batteries. An estimated 400 tons of scrap is generated annually.

Ken Delano explained the scrap generation at Volk field and the Hardwoods bombing range. The 25-pound steel bombs with phosphorus smoke charges are dropped in practice bomb runs and during range cleanup these are dug up and become scrap. Large bombs are concrete and steel but the steel is separated for sale as scrap. Other wastes are from strafing rounds and target vehicles. Approximately 300 of the 500-pound bombs and 6000 of the 25-pound bombs are dropped annually.

All scrap is distorted so that it cannot be used for any military purpose in a process called “demilling.” For small brass the demilling process is to inspect for live rounds and bend the shell casings. The dummy bombs are demilled by experts that cut them up and then the demilled scrap is stored in a secure area to avoid mixing with live rounds. Target vehicles are stripped of all fluids, mercury switches and radiation instruments prior to being demolished.

The National Guard has 22 firing ranges and 15 vehicle maintenance shops that generate scrap brass, lead and vehicle parts. The Army Reserve and the Air National Guard and Reserve have similar scrap.

David Borsuk, Joeseeph Kovacich and Gary Bachus next explained how the scrap recycling industry operates and specifications for the scrap they purchase. These are summarized as follows:

1. The scrap must not have any unexploded power. There have been accidents where a live round exploded in a scrap processing plant. Apparently some foundries, who are the processors customers, have an outright prohibition on mixing military scrap into the scrap they feed into their furnaces for fear of a live round exploding in a molten iron furnace.
2. The scrap must be free of hazardous waste. For example any electrical parts with PCB's or any mercury switches must be removed.
3. The scrap must be free of radiation. Some military vehicles have radiation for glow at night gauges and this must be removed.
4. There must be sufficient quantity of scrap to be economical for a truck to make a pickup. Segregating certain types of scrap will make it more valuable to the processor but unless there is a significant quantity it may not be worth the effort.

The current management situation is that each military base or location can sell their scrap through a local bid process. Gary Martinez explained that DRMO (Defense Recycle Marketing Office) has a contract with DOD to handle all hazardous waste. If a base or location cannot find a buyer for their scrap DRMO will accept it. However the cost can be very high as in the example of compressed gas cylinders.

The discussion was concluded with an understanding that military scrap is being picked up by local scrap dealers and presumable finds it's way to a scrap processor. The military scrap generators want to implement best management practices for their scrap so that the processors will want to buy it thus getting the best price from the contractor. They would also like to be sure they are contracting with reputable dealers so that they are not liable for environmental or safety problems after it leaves their property. David Borsuk said he had a power point presentation on scrap management that he would make available to the Alliance. To facilitate a better understanding of metal scrap processing, the next Alliance

meeting will be held at Miller Compressing Company in Milwaukee. It will include a tour of the processing facility.

7. ACTION ITEMS:

- a. Membership Issues: James Hartman, Tony Nesky, and Nathan Olson will be added and Hugh McAlear will be removed. Loren Boudreau announced that this was his last Alliance meeting as he is retiring soon.
- b. Web Site Update: Since the scrap best management practices presentation is a large file, it will be placed on the DNR web site instead of mailed to each member on the list serve.
- c. Alliance Awards Update: The Alliance unanimously agreed to recognize Hugh McAlear with a certificate of Achievement for starting the Alliance and nurturing its development. He will be invited to the next Alliance meeting so the award can be presented in person.
- d. Success Stories: No new success story write-ups were submitted but there may be one in the future from a building contractor at Fort McCoy who is recycling construction debris.
- e. Training Opportunities:
 - (1) An Army Environmental Symposium is scheduled for March 1 to 5 in Kansas City.
 - (2). Pete Schuster announced that the annual hazardous waste awareness and refresher course will be held at several locations around the state from mid March through April. The course is presented by Onyx Environmental Services as a requirement on the state contract and is free to state agencies and the military.
- f. Opportunity Assessments: Jack Annis was unable to attend the meeting due to the snow but SHWEC has been funded to perform opportunity assessments upon request.
- g. Community Involvement: No activities were reported but everyone was reminded to note their activities so that they can be included in the CY 2003 Annual Achievement Report.
- h. Historical File: Pete Schuster is keeping the historical file up to date.
- i. CY 2003 Annual Achievement Report: Due to the length of the meeting, work on the report was postponed until the next meeting. Everyone was

requested to review the workplan and be ready to report on their accomplishments that are not already listed in the Alliance meeting notes.

- j. CY 2004 Annual Work Plan: Due to the length of the meeting work on the plan was postponed until the next meeting. Everyone was requested to review the workplan and suggest adjustments for FY 2004.

k. Miscellaneous Discussion:

(1). Jerry Rodenberg indicated that WDNR guidance for antifreeze is very close to being finalized. He will send the final version to each Alliance member plus it will be posted on DNR's web site

(2). Phil Kaplan will obtain a copy of EPA's proposed rules for management of solvent contaminated rags. (this was sent via list serve on Dec. 11)

(3) As requested by Mark McDermid at the last meeting, James Hartman handed out a fact sheet showing the economic impact of the DOD in Wisconsin.

(4) Jerry Rodenberg reported that DNR's hazardous waste rules development schedule is for a draft of the rule to be available by March 15. He will distribute it via the list serve or some other format.

8. TOUR: none.

9. TASKINGS FOR THE NEXT MEETING:

- a. Update the Contacts Listing/List Serve – Tony
- b. Post Mr. Borsuk's power point presentation on scrap best management practices on the DNR web site. – Jerry
- c. Follow through on Certificate of Achievement for Hugh McAlear – Jerry
- d. Send via email EPA's proposed rules for management of solvent contaminated rags- Phil
- e. List reportable item for the CY 2003 Annual Achievement Report and bring to the next meeting- All
- f. Review the annual work workplan and suggest adjustments for FY 2004– All
- g. Distribute logistics information prior to the next meeting – Tony

10. NEXT MEETING: Joeseeph Kovacich has offered to host the next meeting at Miller Compressing Company in Milwaukee. It is scheduled for 10:00 a.m., either March 9th or 23rd.

Attachments available via fax but not included:

1. List of Attendees
2. Agenda (not included but available via fax upon request)

WI/DOD Alltime Mtg, 10 Dec 2003

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